

# PATENT ABSTRACTS OF JAPAN

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(21)Application number : 06-256500 (71)Applicant : SUMITOMO ELECTRIC IND LTD

(22)Date of filing : 21.10.1994 (72)Inventor : EMOTO SHIGENORI  
TAKAHASHI YOSHIHIRO  
NAKAMURA AKIO

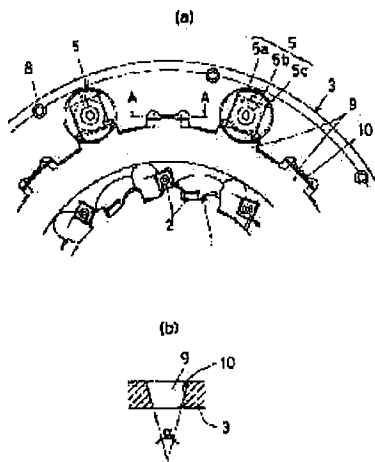
## (54) MOUNTING MECHANISM FOR PIN MIRROR CUTTER

(57)Abstract:

PURPOSE: To provide a cutter mounting mechanism wherein a pin mirror cutter can be easily mounted/demounted relating to an adapter to enable also total unit rigidity

to improve of the cutter.

CONSTITUTION: Two or more splines 9 are provided in a circumferential direction with an equal space in the peripheral part of a pin mirror cutter 1, and a spline groove 10 of fitting the spline 9 is provided in the internal peripheral part of an adapter 3. These spline 9 and spline groove 10 are formed in a shape having a tapered angle  $\alpha$ , to make tapered fitting. By this tapered fitting, mounting/demounting the cutter can be facilitated while obtaining a centering effect, and supporting the cutter can be also performed without



thinning thickness of the peripheral part.

Fig.1